

August 9, 2001

TO: Lead Agencies for Watershed Planning

FROM: Melissa Gildersleeve, Department of Ecology

RE: Grants for Assessments identified in HB 1832

Enclosed is information on how Ecology intends to move forward with funding of assessments identified in HB 1832 along with an application for funding. Please share all of this information with your planning unit members. In addition we have provided information on how we will proceed with cost reimbursement along with some examples which we hope will make this transition easier.

This legislative session the legislature passed HB 1832 which amends the Watershed Planning Act and allows planning units to receive funding for the following activities:

- ## instream flow recommendations under RCW 90.82.080
- ## water quality assessments RCW 90.82.090
- ## assessments of multipurpose storage

HB 1832 specifically states that the funding of flows should be a priority and it sets a deadline for initiating governments to inform Ecology whether they intend to address flows. Therefore if you are interested in making instream flow recommendations and are interested in additional funding, please submit an application (attached) by October 1, 2001. We are requesting applications prior to the December 1, 2001 deadline in the statute because there are a number of planning units that are interested and ready to proceed so they can meet the planning 4 year timeline. We will solicit additional applications after the December 1, 2001 deadline. As specified in the Watershed Planning Act, it takes a majority vote by the initiating governments to include an instream flow component in your watershed assessment and plan development.

Our ability to fund Water Storage and Water Quality assessment will be dependent on funding. If you have a project that your planning unit is ready to proceed with we encourage you to submit an application with the understanding that we will not know if we can fund these projects until we have a full understanding of the flow work.

Since it is the expectation that funding the development of instream flow recommendations will lead to rule making, the involvement of interested parties will be critical. The Watershed Planning Act specifically states that "Before setting instream flows under this section, the department shall engage in government-to-government consultation with affected tribes in the management area regarding the setting of such flows." Ecology will be sending a letter to the tribes explaining our responsibilities in the Watershed Planning Act. Once that letter goes out we will provide you with a copy of it.

We look forward to working with you on this important part of watershed planning. If you have any questions please contact me at (360) 407-6548.

Appendix C

ASSESSMENT FUNDING TO SUPPORT HB 1832

BACKGROUND

This legislative session the legislature passed HB 1832 which amends the Watershed Planning Act and allows planning units to receive funding for the following activities:

- €# instream flow recommendations under RCW 90.82.080
- €# water quality assessments RCW 90.82.090
- €# assessments of multipurpose storage projects.

The Watershed Planning Act was ammended this session to allow addition funds to go to planning units. HB 1832 specifically states that the funding of flows should be a priority and it sets a deadline for initiating governments to inform Ecology whether they intend to address flows. "By December 1, 2001, or within one year of initiating phase one of watershed planning, whichever occurs later, the initiating governments for each planning unit must inform the department whether they intend to have the planning unit establish or amend instream flows as part of its planning process." Currently there are 29 Water Resource Inventory Areas addressing instream flows under RCW 90.82.080.

HB 1832 also states that Ecology will conduct instream flow assessments in areas that choose not to address the flow component. " If the initiating governments for a planning unit elect not to establish or amend instream flows as part of the unit's planning process, the department shall retain one hundred thousand dollars to carry out an assessment to support establishment of instream flows and to establish such flows in accordance with RCW 90.54.020(3)(a) and chapter 90.22 RCW." The bill states that the department shall not use funds to amend an existing flow unless requested to do so by the initiating governments.

In addition, the Watershed Planning Act directs Ecology to initiate instream flow rule making in areas where there is not agreement on the flows.

Funding Instream Flow Assessments

Funding will be provided in 3 sequential steps. Funding of each step is contingent upon Ecology approval. Ecology will consult with our instream flow experts, Washington Department of Fish & Wildlife instream flow experts and affected tribes at the completion of each of these steps.

Step A: Developing the scope of work for the instream flow study

- €# Identify the objectives for Instream Flow setting
- €# Using the data collected in your Phase 2 Water Quantity analysis compare these three sets of information
 1. Develop a hydrograph of the flow. Show the 10, 50, 90% exceedance on a daily basis. (use existing USGS data or synthesize from and nearby existing gage stations)
 2. Look at the paper water rights for the water body.
 3. Develop a rough estimate of the actual water diversions from the waterbody.
 4. *This should be able to be done in 2-3 months using existing data.*

- €# If needed, reevaluate the objectives of the Instream Flow setting and develop a scope of work. Information on instream flow study methodologies is on Ecology's website: <http://www.ecy.wa.gov/programs/wr/instream-flows/isflowhome.html> and by October there will be additional information to assist you with this in the Programmatic EIS on instream flows that Ecology is required to do in HB 1832.

Step B: Conducting the instream flow study

- €# Fund the actual instream flow study

Step C: Developing flow recommendations

- €# Fund the assessment of the different flow alternatives and
€# Instream Flow Recommendations.

Funding Water Quality and Assessment of Multipurpose Storage Opportunities

Once Ecology has completed negotiating contracts for flows then we will be able to determine the funding available for Water Quality and Storage Assessments. If money is available these applications will be due one month after the flow applications, November 1, 2001.

Appendix C

GRANT APPLICATION

Recommending Instream Flows to set in rule under the Watershed Planning Act

Please provide two hard copies and one electronic copy of your application postmarked by October 1, 2001.
Send to: Ann Holleman, Department of Ecology, PO BOX 47600, Olympia, WA 98504-7600.

NOTE: *For electronic version press F11 to go to each field*

Please list the initiating governments:

Provide letters or other formal agreements indicating that a majority of the initiating governments agree to include the instream flow componet as required under RCW 90.82.080(1)(a).

Is this to amend an existing flow or to establish a flow?

Provide formal documentation if the planning unit has voted unanimously to have a different priority date for the flow per RCW 90.82.080(2)(a)

CONTACT INFORMATION

Project Manager

Address, City Zip

Telephone

FAX Internet/E-Mail Address

BILLING INFORMATION

Payee Name

Billing Contact

Address, City Zip

Federal Tax ID #

Legislative District Congressional District

Project Location

Identify which WRIA you will be working in:

Identify which waterbodies the planning unit will be making recommendations on:

Funding Request Summary

Amount Requested From Ecology \$

Total Cost of Project = \$

Application Authorization

Ecology is requested to consider this application for financial assistance for the purpose of Making Formal Recommendations on Instream Flows as specified under RCW 90.82.070. We understand that these recommendations are for the purpose of making instream flow recommendations for adoption into rule. If recommendations are not achieved by the deadline in RCW 90.82 Ecology will need to proceed with instream flow rule making. We agree to cooperate with Ecology by providing any additional information needed to determine grant eligibility and to adhere to all applicable state and federal rules governing grant funds. We are aware that Ecology will need to have copies of all of the data collected as well as copies of decision documents in order to proceed with rule making for setting instream flows. We certify that to the best of our knowledge, the information in this application is true and correct.

Designated Lead Agency:

Authorized Representative: _____
name and title: _____ (signature) _____ (date) Print

1. List any existing flow studies that you are aware of and how you plan to use them.

2. Provide a detailed scope of work and budget for Step A: Developing the scope of work for the instream flow study

- ## Identification of the objectives for the setting (or amending) instream flow
- ## Determination of the approach to be used that will meet your objectives
- ## Development of a detailed instream flow study design.

3. Provide a detailed scope of work and budget for Step B: Conducting the flow study.

Since this will be dependent on the Work on Step A it does not need to be provided until there is agreement on the appropriate instream flow study design.

- ## Instream Flow Study (scope of work may need to be ammended after completion of Step A)

4. Provide a detailed scope of work and budget for Step C: Developing instream flow recommendations.

- ## Fund the assessment of the different flow alternatives and
- ## Instream Flow Recommendations.

5. When do you anticipate completing Step A, Step B, and Step C ?

Appendix C

GRANT APPLICATION

Water Quality Component under the Watershed Planning Act

Please provide two hard copies and one electronic copy of your application. Send to:
Ann Holleman, Department of Ecology, PO BOX 47600, Olympia, WA 98504-7600.

NOTE: *For electronic version press F11 to go to each field*

Water Resource Inventory Area(s):

If you are also submitting a multipurpose storage grant please tell us which of these two grant applications is a higher priority.

Water Quality application:

Water Storage application:

CONTACT INFORMATION

Project Manager

Address, City Zip

Telephone

FAX

Internet/E-Mail Address

BILLING INFORMATION

Payee Name

Billing Contact

Address, City Zip

Federal Tax ID #

Legislative District

Congressional District

Funding Request Summary

Amount Requested From Ecology \$

Total Cost of Project = \$

Application Authorization

Ecology is requested to consider this application for financial assistance for the purpose of meeting the water quality component under RCW 90.82.090. We agree to cooperate with Ecology by providing any additional information needed to determine grant eligibility and to adhere to all applicable state and federal rules governing grant funds. We certify that to the best of our knowledge, the information in this application is true and correct.

Designated Lead Agency:

Authorized Representative: _____
name and title: _____
(signature) (date) Print

List existing water quality studies and water quality plans that you are aware of and describe how the planning unit will use them.

For items 1-5 below provide a scope of work, detailed budget and schedule for completing that activity.

- 1. Based on existing studies conducted by federal, state, and local agencies state where legally established water quality standards are being met in the management area and where they are not being met;**
- 2. Develop a problem statement including the causes of water quality violations in the management area, including an examination of information regarding pollutants, point and nonpoint sources of pollution, and pollution-carrying capacities of water bodies in the management area. The analysis shall take into account seasonal stream flow or level variations, natural events, and pollution from natural sources that occurs independent of human activities**
- 3. Develop a description of the characteristic uses of each of the nonmarine bodies of water in the management area**
- 4. Identify and summarize any total maximum daily load established for nonmarine bodies of water in the management area**
- 5. Describe the impact of fresh water on marine water quality (if theWRIA has no marine waters then no need to address this in the scope of work)**

Questions 6 & 7

Provide a scope of work, detailed budget and schedule for completing these activities.

- 6. For waters undergoing a TMDL, recommend an approach for implementing the total maximum daily load for the nonmarine bodies of water in the management area.**

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(to the extent possible incorporate water quantity flow implications with these recommendations)

7. If there is no TMDL, recommend an approach to bring about improvements in water quality.

8. Recommend a means of monitoring whether actions taken to implement the recommended approaches to bring about improvements in water quality or identified outcomes are sufficient to achieve compliance with water quality standards.

GRANT APPLICATION
Multipurpose Water Storage Assessment
under the Watershed Planning Act

Please provide two hard copies and one electronic copy of your application. Send to:
Ann Holleman, Department of Ecology, PO BOX 47600, Olympia, WA 98504-7600.

NOTE: *For electronic version press F11 to go to each field*

Water Resource Inventory Area(s):

If you are also submitting a water quality grant please tell us which of these two grant applications is a higher priority.

Water Quality application:

Multipurpose Water Storage application:

Have you completed the phase 2 water quantity assessment in RCW 90.82.070?

Is this application for:

a detailed assessment of multipurpose water storage opportunities

OR

studies of specific multipurpose storage projects which opportunities or projects are consistent with and support the other elements of the planning unit's watershed plan developed under this chapter;

CONTACT INFORMATION

Project Manager

Address, City Zip

Telephone

FAX

Internet/E-Mail Address

BILLING INFORMATION

Payee Name

Billing Contact

Address, City Zip

Federal Tax ID #

Legislative District

Congressional District

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Funding Request Summary

Amount Requested From Ecology \$

Total Cost of Project = \$

Application Authorization

Ecology is requested to consider this application for financial assistance for the purpose of meeting the water quality component under RCW 90.82.090. We agree to cooperate with Ecology by providing any additional information needed to determine grant eligibility and to adhere to all applicable state and federal rules governing grant funds. We certify that to the best of our knowledge, the information in this application is true and correct.

Designated Lead Agency:

Authorized Representative: _____
(signature) (date) Print

name and title: _____

What were the conclusions of the completed phase 2 water quantity assessment in RCW 90.82.070?

Identify the goals and objectives of the assessment or the specific storage project.

List any existing water storage studies, summarize the findings from them and how you plan to use them.

Provide a detailed scope of work for the type of Multipurpose Storage application that you are submitting. (a scope of work for 1 or 2 below)

1. Assessment of multipurpose water storage opportunities

Using the technical assessment information on water availability and future water needs from the phase 2 water quantity assessment develop a scope of work for identifying storage opportunities which:

- ≠# Considers the type of storage projects that would be useful in that watershed, given the current and future water supply and demand.
- ≠# Considers and scopes the full range of storage alternatives and identifies potential site locations for: off-channel storage, underground storage, enlargement or enhancement of existing storage and on channel storage. Both large and small scale storage options should be considered.
- ≠# Includes an inventory and assessment of the water storage infrastructure needs including public and private water systems. This inventory should ensure that small drinking water systems and fire safety needs are addressed.

- ## The assessments should consider how to balance the full range of potential uses for stored water (multipurpose).
- ## Identifies potential environmental effects associated with the different storage alternatives.

2. Study of specific multipurpose storage projects

Using the technical assessment information on water availability and future water needs from the phase 2 water quantity assessment develop a scope of work for assessing a specific storage project which addresses the following:

- ## How does this specific project(s) fit into the overall watershed plan ?
- ## Explain why this project(s) was selected over other water management strategies and other storage projects.
- ## Explain how this project(s) is a multipurpose storage project.
- ## Explain how this project(s) is consistent with and supports the other elements of the watershed plan.
- ## Explain why the proposed site(s) is suitable for storage.
- ## Identify potential environmental effects associated with this specific storage project.

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Budget and Type of Expenditures (to be included with the application)

Salaries:	\$
Benefits (___% of Salaries):	\$
Contracts:	\$
Materials, Goods, and Services (List major items): <div style="text-align: center;">\$</div> <div style="text-align: center;">\$</div> <div style="text-align: center;">\$</div> <div style="text-align: center;">\$</div> Total materials, goods, and services	\$
Equipment (Please list): <div style="text-align: center;">\$</div> <div style="text-align: center;">\$</div> <div style="text-align: center;">\$</div> Total cost of equipment:	\$
Travel:	\$
Other (Please Outline): Total cost of other:	\$
TOTAL DIRECT COSTS	\$
Indirect Costs (<u>Up to</u> 25% of Salaries and Benefits):	\$
TOTAL PROJECT COST:	\$